

## ER-2 - AFRC #809 01/18/20

**Aircraft:** [ER-2 - AFRC #809](#) ([See full schedule](#))

**Flight Number:** 20-9033

**Payload Configuration:** EXRAD, AMPR, LIP, HIWRAP, CRS, CPL, COSMIR, MVIS (Camera and Computer)

**Nav Data Collected:** Yes

**Total Flight Time:** 3.8 hours

**Comments:** Takeoff time was 1215L and landed at 1606L. This was the first science flight from Hunter Army Airfield in Savannah, GA for the IMPACTS campaign. There were no instrument issues, and pilot performed roll calibration maneuver for radar instruments on return to Hunter (2013Z-2014Z). Pilot reported clouds through the flight and occasional turbulence. Pilot also reported aircraft issue enroute to weather target and had to RTB. Tim Williams was the pilot.

**Submitted by:** Fran Becker on 01/18/20

### Flight Segments:

<b>From:</b>	SVN	<b>To:</b>	SVN
<b>Start:</b>	01/18/20 17:15 Z	<b>Finish:</b>	01/18/20 21:05 Z
<b>Flight Time:</b>	3.8 hours		
<b>Log Number:</b>	<a href="#">202004</a>	<b>PI:</b>	Gerald Heymsfield
<b>Funding Source:</b>	Barry Lefer - NASA - SMD - ESD Earth Venture Suborbital-3 Program		
<b>Purpose of Flight:</b>	Science		
<b>Miles Flown:</b>	1444 miles		

### Flight Hour Summary:

	202004
<b>Flight Hours Approved in SOFRS</b>	100
<b>Total Used</b>	62.6
<b>Total Remaining</b>	37.4

### 202004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">12/16/19</a>	20-9025	Check	2.9	2.9	97.1	969
<a href="#">01/15/20</a>	20-9032	Science	5.1	8	92	1940
<a href="#">01/18/20</a>	20-9033	Science	3.8	11.8	88.2	1444
<a href="#">01/25/20 - 01/26/20</a>	20-9034	Science	7.6	19.4	80.6	2888
<a href="#">02/01/20</a>	20-9035	Science	6	25.4	74.6	2280
<a href="#">02/05/20 - 02/06/20</a>	20-9036	Science	6.6	32	68	2508
<a href="#">02/07/20</a>	20-9037	Science	6.8	38.8	61.2	2584
<a href="#">02/23/20</a>	20-9038	Science	2.6	41.4	58.6	779
<a href="#">02/25/20</a>	20-9040	Science	7.8	49.2	50.8	1610
<a href="#">02/27/20</a>	20-9041	Science	8	57.2	42.8	1980
<a href="#">03/02/20</a>	20-9042	Ferry	5.4	62.6	37.4	1996

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

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